

87, 92, 86, 95, 0

Range: 9

Mean: 90

Median: 89.5

Mode: No mode

Range: 95

Mean: 72

Median: 87

Mode: No mode

5-1-12

Outlier - data that is very different from the other data and has an effect on the range, mean, median, and/or mode.

Ex: Grades: 87, 92, 86, 95, 0 \nwarrow outlier

Before the 0	After the 0
Range: 9	Range: 95
Mean: 90	Mean: 72

GRAPHS

- Bar Graph - compares data
- bars have to be the same width and equally spaced
 - organized
 - vertical axis is labeled and has #s that count in a consistent interval scale (by 10s, 100s, 2s)
** Depends on the data #s
 - horizontal axis is labeled w/ the things being compared and they are evenly spaced

- Circle Graph - uses wedges that represent parts of a whole
- often use % (should add up to 100% → the whole)
 - also compares data

Line Graph - shows changes over time

- vertical axis is labeled and has #s that show the changes and count in a consistent interval scale
- horizontal axis is labeled w/ consistent times

** The vertical axis always starts w/ 0.

Use \leq from 0 to show a giant leap to the 1st # in your scale